

## TABLE OF CONTENTS

	Page
ABSTRACT .....	i
1.0 INTRODUCTION .....	1-1
1.1 Project Description and Location .....	1-1
1.2 Report Organization .....	1-1
2.0 ENVIRONMENTAL BACKGROUND.....	2-1
2.1 Physiography and Hydrology.....	2-1
2.2 Geology and Soils.....	2-1
2.3 Flora and Fauna .....	2-2
2.4 Paleoenvironment .....	2-3
3.0 CULTURAL BACKGROUND.....	3-1
3.1 Prehistoric Period .....	3-1
3.1.1 Paleo-Indian.....	3-2
3.1.2 Archaic.....	3-2
3.1.3 Woodland .....	3-5
3.2 Historical Period.....	3-9
3.2.1 Exploration and Frontier Settlement (1630 to 1730).....	3-9
3.2.2 Intensified and Durable Occupation (1730 to 1770) .....	3-9
3.2.3 Transformation from Colony to State (1770 to 1830).....	3-10
3.2.4 Industrialization and Capitalization (1830 to 1880).....	3-10
3.2.5 Urbanization and Suburbanization (1880 to 1940) .....	3-12
4.0 PREVIOUS INVESTIGATIONS .....	4-1
4.1 Archaeological Sites .....	4-1
4.2 Architectural Resources.....	4-4
4.3 Summary.....	4-4
5.0 RESEARCH APPROACH.....	5-1
5.1 Prehistoric Resources .....	5-1
5.2 Historical Resources .....	5-2
6.0 METHODS.....	6-1
6.1 Field Investigations.....	6-1
6.2 Laboratory Procedures.....	6-3
6.3 Spatial Analysis .....	6-4
7.0 RESULTS OF SURVEY .....	7-1
7.1 Shovel Testing .....	7-3
7.2 Test Units.....	7-6
8.0 SUMMARY AND CONCLUSIONS .....	8-1
8.1 Summary of Findings .....	8-1
8.2 Comparative Analysis: Locus A.....	8-3
8.3 Conclusions .....	8-6
8.4 Recommendations .....	8-7
9.0 REFERENCES CITED .....	9-1

APPENDIX A Project Personnel	
APPENDIX B Health and Safety PLAN	
APPENDIX C Artifact Inventory, 7K-E-91, Locus B	
APPENDIX D Delaware State Historic Preservation Office Cultural Resource Survey Forms	
APPENDIX E Artifact Inventory, 7K-E-91, Locus A	
APPENDIX F Delaware State Historic Preservation Office Letter of Concurrence	

## LIST OF FIGURES

	Page
Figure 1-1. Bridge 2-210A Project Area Location.....	1-2
Figure 2-1. Physiographic Provinces of the State of Delaware.....	2-2
Figure 3-1. Comparison of Conventional Prehistoric Chronology, Delmarva Prehistoric Chronology, and Holocene Climatic Episodes.....	3-1
Figure 3-2. Woodland Period Regional Complexes in Delmarva.....	3-6
Figure 3-3. Bridge 2-210A Project Area in 1868.....	3-11
Figure 3-4. Bridge 2-210A Project Area in 1911.....	3-13
Figure 3-5. Bridge 2-210A Project Area in 1956.....	3-14
Figure 4-1. Approximate Locations of Previously Recorded Prehistoric Sites Relative to the Bridge 2-210A Project Area.....	4-3
Figure 6-1. Bridge 2-210A Project Area, with Shovel Tests.....	6-2
Figure 7-1. Shovel Test Distribution in Areas A and C.....	7-4
Figure 7-2. Selected Shovel Test Profiles, Areas A, C, and D.....	7-5
Figure 7-3. Artifact Distribution from Shovel Tests in Areas A and C Showing Site Boundaries.....	7-7
Figure 7-4. Locations of Test Units in Area C.....	7-8
Figure 7-5. N102/E500, Profile Section (North Wall) and Prehistoric Artifact Frequency Distribution with Depth.....	7-9
Figure 7-6. N117/E505.5, Profile Section (North Wall) and Prehistoric Artifact Frequency Distribution with Depth.....	7-11
Figure 7-7. N123/E500, Profile Section (East Wall) and Prehistoric Artifact Frequency Distribution with Depth.....	7-12
Figure 7-8. N123/E504, Profile Section (East Wall) and Prehistoric Artifact Frequency Distribution with Depth.....	7-13
Figure 8-1. Spatial Distribution of Ceramic Sherds in Area C.....	8-2
Figure 8-2. Location of 7K-E-91, Locus A and Locus B.....	8-4

## LIST OF PLATES

	<b>Page</b>
Plate 6-1. Test Unit Excavation in Plowed Portion of Area C. ....	6-3
Plate 7-1. Aerial Photograph of Bridge 2-210A Project Area. ....	7-1
Plate 7-2. Bridge 2-210A, Facing South from Bridge: Area A to Right, Area C to Left. ....	7-2
Plate 7-3. Bridge 2-210A, Plowed Field in Southern Portion of Area C, Facing Southeast. ....	7-2
Plate 7-4. N102/E500, Profile Section, North Wall. ....	7-9
Plate 7-5. N117/E505.5, Profile Section, North Wall. ....	7-11
Plate 7-6. N123/E500, Profile Section, East Wall. ....	7-12
Plate 7-7. N123/E504, Profile Section, East Wall. ....	7-13

## LIST OF TABLES

	<b>Page</b>
Table 4-1. Previously Identified Archaeological Sites within One Mile of the Project Area, or within Two Miles along Drainages (ordered by CRS number). ....	4-2
Table 4-2. Previously Identified Architectural Resources within One Mile of the Project Area. ....	4-5
Table 7-1. Artifacts Recovered at Bridge 2-210A, Listed by Type and Excavation. ....	7-3
Table 7-2. Vertical Distribution of Artifacts in Test Unit N102/E500. ....	7-6
Table 7-3. Vertical Distribution of Artifacts in Test Unit N117/E505.5. ....	7-10
Table 7-4. Vertical Distribution of Artifacts in Test Unit N123/E500. ....	7-10
Table 7-5. Vertical Distribution of Artifacts in Test Unit N123/E504. ....	7-14
Table 8-1. Surface Collected Artifacts from Site 7K-E-91, Locus A. ....	8-5
Table 8-2. Comparative Analysis: Artifact Type Distributions 7K-E-91, Locus A and Locus B. ....	8-5